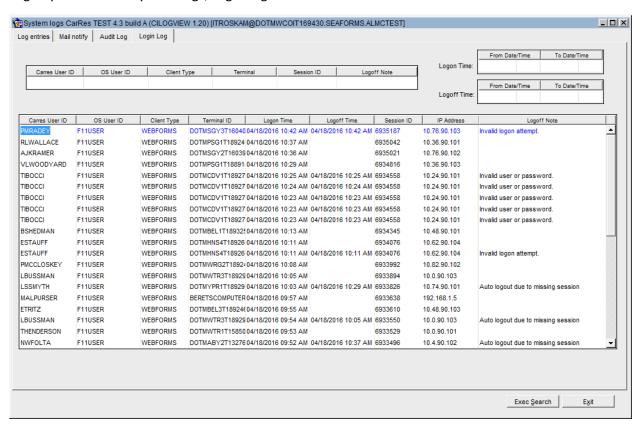# Auditing Logs

CarRes keeps logs of many things. Some of the logs are easier to review than others. This document summarized the types of logging that occur in CarRes and how to review them.

Login Log

The login log displays user login attempts and failures. This can be useful in troubleshooting somebody's complaint that they can't log in.

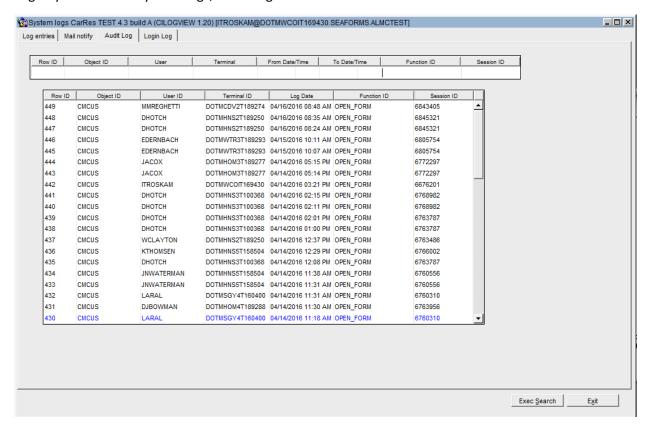Registry->Routines->System Logs, Login Log tab

The Logoff Notes on the right shows why a user was logged off.

- Invalid login attempt.
- Invalid user or password.
- Auto logout due to missing session.
- Log out due to too many invalid logon attempts. - User attempted login more than 6 times (system parameter <LOGON><MAXLOGONAT>). The user will be locked out for 3 minutes (system parameter <LOGON><LCKOUTTIME>). Failure again will incur another 3 minute lockout.

Audit Log

The audit log displays what forms users have opened. The form name can be found in the title bar of every form. F9 can be used on the Object ID field to search.

Registry->Routines->System Logs, Audit Log tab

Booking History

The changes of an individual booking can be viewed to uncover what changes were made between versions.

From the booking form Information->View Booking Version

In the booking field the # indicates what version is in view. Use Page Up/Down to quickly switch between versions regardless of what field you are in. The Header tab shows who and when the booking was changed. What was changed can be view toggling between versions on the desired tab.

Field Modification History

Many fields in registry forms have a change history. To view this select the desired field and navigate to Info->Change Log in the menu.

File   Info   Help   Window

Change log

[D... tenance CarRes TEST 4.3 build A (CCDEP 1.184) [ITROSKAM@DOTMWCOIT169430.SEAFORMS.ALMCTEST]   _ □ X

Dep ID	MAT010620160045		From	KTN	to	WRG	Vessel	MAT	
Next Dep ID	MAT010620160730		Schedule	06/01/2016	12.45 AM	WED	06/01/2016	06.45 AM WED	
Dep number			Estimated						
Voyage No	90389488		Actual						

DEP ← →
DAY ← →
WEEK ← →

Cabins Cleaned ☑   Booking Sts 1   No amd fee Jry Bok ☐ ☐
Cabins Empty ☐   Check-In Sts 2   No can fee ☐ ☐
Relax product rule ☐   Dep port open ☑   Arr port open ☑ .

Note [   ]

Header | Yield | **Pax, Cars** | Cabins | Catering | Conference | Misc | Guest Types | Staircase | Protected Space

Total	Avl	Bok	W.Cmp	Max	Crt	WL Bok	WL Cap
Passengers	-7	18		11	499	35	100
Cabins	98	3		101	106		
Cots	0		0	0			
Length High	60	0	0	60	1340		
Length Medium	0	0	0	0	0		
Length Low	92.5	1582.5	0	1675	1675		
Overbooking				0			
Weight	599830	400169		999999	999999		

Pass Allotment	Avl	Bok	W. Comp	Alt	Conv	WL Bok	WL Cap
Allotment Low	92.5	1582.5	0	1675		99.5	100
of which Medium	93	0	0	1675	1.00	0	0
of which High	93	0	0	1340	1.00	200	0

Cargo	Bok	WL Bok	WL Cap
Length High	0	0	0
Length Medium	0	0	0
Length Low	0	0	0
Overbooked	0		
Last position number used:	0		

Cardeck Rule
[MAT_C]   M/V Matanuska Configuration (

[View CD Rule]

─ Passenger Category Capacity ─

Ctg Grp	Ctg	Ctg Cap Grp	Avl	Book	Max

─ Categories in group ─

Ctg Grp	Ctg

[Recalculate]

─ Vehicle Category Capacity ─

Ctg Grp	Ctg	Ctg Cap Grp	Length Avl	Length Book	Length Max	Quantity Avl	Quantity Book	Quantity Max	Waiting List Length Avl	Waiting List Length Book	Waiting List Length Max	Waiting List Quantity Avl	Waiting List Quantity Book	Waiting List Quantity Max

─ Categories in group ─

Ctg Grp	Ctg

[Dep Notes]   [New Dep] [Split Dep] [Delete Dep] [Save] [Clear (F7)] [Refresh] [Exit]

This example reviews the changes made to the car deck booking capacity in Departure (On Board). The "Previous Value" column displays what the value was before a change. "Current Value" column displays what the value was changed to.